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Inventors: Qingming Ma

Filing Date: April 25, 2000

Invention for: APPARATUS AND METHOD FOR SCALABLE AND DYNAMIC

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Invention for: APPARATUS AND METHOD FOR SCALABLE AND DYNAMIC TRAFFIC ENGINEERING IN A DATA COMMUNICATION NETWORK

Having: Utility Patent Application Transmittal, 40 pages of specification, 9 pages of claims, one page of Abstract, and 13 sheets of Drawings

Docket No. CISCO-1119

Attorney: David B. Ritchie

Express Mail No.: EL209954141US

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Filing Date: April 25, 2000

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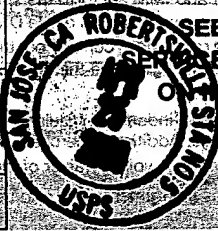
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In re Application of:) Art Unit:
Qingming Ma) Examiner:
Serial No. [Not yet assigned])
Filed: April 25, 2000)
For: APPARATUS AND METHOD FOR)
SCALABLE AND DYNAMIC)
TRAFFIC ENGINEERING IN A DATA)
<u>COMMUNICATION NETWORK</u>)

CERTIFICATE OF MAILING

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Date of Deposit: April 25, 2000

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Diane Morse

TRANSMITTAL LETTER

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Washington, D.C. 20231

Dear Sir:

Enclosed for filing please find the patent application for an invention entitled,
"APPARATUS AND METHOD FOR SCALABLE AND DYNAMIC TRAFFIC
ENGINEERING IN A DATA COMMUNICATION NETWORK", filed on behalf of Cisco
Technology, Inc., assignee from inventor Qingming Ma, including Utility Patent
Application Transmittal, 40 pages of specification, 9 pages of claims, 13 sheets of
drawing figures, and 1 pages of Abstract.

The attorney's Docket Number is CISCO-1119.


Kindly address all communications regarding this application to:

David B. Ritchie
D'Alessandro & Ritchie
P.O. Box 640640
San Jose, CA 95164-0640
Telephone (408) 441-1100

No fee is being paid at this time.

Respectfully submitted,
D'ALESSANDRO & RITCHIE

Dated: April 25, 2000



David B. Ritchie
Reg. No. 31,562

D'Alessandro & Ritchie
P.O. Box 640640
San Jose, CA 95164-0640
(408) 441-1100

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. **CISCO-1119**
First Inventor or Application Identifier **Qingming Ma**
Title **Apparatus and Method for Scalable and...**
Express Mail Label No. **EL209954141US**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification (Total Pages **50**)
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets **13**)
4. Oath or Declaration (Total Pages ☐)
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.83(d))
(for continuation/divisional with Box 16 completed)
 - c. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.83(d)(2) and 1.33(b).

NOTE FOR SMALL ENTITY: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
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5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
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 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ * Small Entity Statement filed in prior application,
Statement(s) ☐ Status still proper and desired
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14. ☐ Certified Copy of Priority Document(s)
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15. ☐ Other: _____

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
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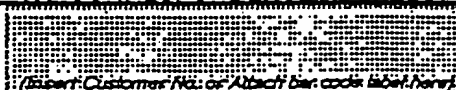
Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

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Name **David B. Ritchie**
D'Alessandro & Ritchie
Address **P. O. Box 640640**
City **San Jose** State **CA** Zip Code **95164-0640**
Country **USA** Telephone **408-441-1100** Fax **408-441-8400**

Name (Print/Type) **David B. Ritchie** Registration No. (Attorney/Agent) **31,562**
Signature Date **25 April 2000**

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